

# Oleksandr Pashynskyi | Brooklyn, NY

[business.al3x@gmail.com](mailto:business.al3x@gmail.com) | [oleksandrpashynskyi.com](http://oleksandrpashynskyi.com) | [github.com](https://github.com) | [linkedin.com](https://linkedin.com)

## TECHNICAL SKILLS

---

**Languages:** Java (Servlets/JSP), C# (.NET), Python, JavaScript, TypeScript, SQL, PHP, Swift

**Frameworks/Tools:** Next.js, React, Node.js, Jakarta EE, Spring MVC/Boot, Windows Forms, Flask, REST, Git

**Databases & Cloud:** MySQL, Microsoft SQL Server (T-SQL), PostgreSQL (Supabase), JDBC, ADO.NET, Vercel

**Libraries & AI:** pandas, NumPy, Matplotlib, scikit-learn, OpenAI Whisper

## TECHNICAL PROJECTS

---

**Audiogram Studio** | *Python, OpenAI Whisper, React, Flask*

- > Architected a 12-stage Python + Whisper + React pipeline converting audio readings into multi-platform video (landscape/portrait MP4s, karaoke subtitles, thumbnails, metadata).
- > Built a wizard-style React/Flask interface (Transcribe → Review → Render) for non-technical creators, cutting per-episode post-production from 8–15 hours to under 30 minutes.
- > Engineered the full media-processing stack -waveform animation, subtitle timing, and audio ducking -end-to-end as the sole developer.

**Veritas -AI Resume-Tailoring Web App** | *Next.js, TypeScript, Supabase, Vercel*

- > Founded an AI resume-tailoring app built on a provenance invariant: every generated line must cite a verified fact from the user's master profile, making fabrication structurally impossible at the database layer.
- > Engineered per-user data isolation with ownership checks and deny-by-default row-level security in PostgreSQL, backed by automated tests proving one user's data cannot leak to another.

**Java / Jakarta EE Web Applications** | *Java, Jakarta EE Servlets, JDBC, MySQL*

- > Built multiple servlet-based full-stack web apps -inventory management, pilot-certification tracking, IT asset management, and network-device registry -with login, dynamic HTML, and MySQL persistence.
- > Applied Factory and Builder design patterns over abstract class hierarchies for extensible, polymorphic component creation and rendering.
- > Implemented role-based authentication with parameterized PreparedStatement queries (SQL-injection safe) and multi-table SQL JOINS.

**Valtara: Tides of Betrayal** | *RPG Maker*

- > Built an open-world narrative RPG with branching quests and five player-driven endings tied to an in-game document-collection state, plus event-driven cutscenes and quest-gated map progression.

**Rental Car Management Portal** | *C#, Windows Forms (.NET), ADO.NET, SQL Server*

- > Built a data-driven Windows Forms desktop app with business logic for vehicle classes, rental/return dates, and add-on pricing, persisting records to SQL Server (LocalDB) via ADO.NET with an auto-provisioned schema on first run.

## EDUCATION

---

**New York City College of Technology (City Tech), CUNY**

Bachelor of Technology -Computer Systems Technology

Brooklyn, NY

Graduated May 2026

## WORK EXPERIENCE

---

**CITADEL NY INC**

*IT Support Specialist*

Brooklyn, NY

Jun 2025 – Present

- > Diagnose enterprise technical issues using logs, failure patterns, and performance bottlenecks; implement durable fixes and document runbooks.
- > Translate technical findings for cross-functional teams and non-technical stakeholders.

**OUTLIER AI**

*AI Code Evaluator (Contract)*

Remote

Mar 2024 – Dec 2024

- > Evaluated LLM-generated code across Java, Python, and C# for correctness, instruction alignment, edge cases, and policy compliance; revised prompts and peer-reviewed other evaluators' work.

**DANCE ZONE USA**

*Coach & Studio Manager*

Brooklyn, NY

Aug 2019 – Present

- > Own studio operations, scheduling, and instructional programs for 10+ students per term.

## CERTIFICATIONS

---

**Lenovo:** AWSP (Warranty Service), System Board Service, Lenovo Diagnostics

**Texas A&M:** Information Security Basics

## LANGUAGES

---

English, Ukrainian, Russian